

## CONNECTION TO PUBLIC STORM SYSTEM

### CASE A: CONNECTION TO MAINS LESS THAN 48" IN DIAMETER

1. Lateral connection shall require a manhole.
2. Lateral diameter shall be 12" or greater. A lateral diameter greater than 50% of the main diameter or greater than 18" shall require the review and approval of the City Engineer.
3. An accessible cleanout structure at the property line is NOT required.
4. A lateral that connects directly from an on-site collection system to a City manhole, shall be maintained by the owner of the serviced property.

### CASE B: CONNECTION TO MAINS 48" IN DIAMETER OR GREATER

1. Lateral connection shall require a junction structure designed by a registered Civil Engineer.
2. A lateral that connects directly from an on-site collection system to a City junction box, shall be maintained by the owner of the serviced property.

### CASE C: CONNECTION OF PRIVATE PIPE SYSTEM TO STREET CATCH BASIN

1. Any pipe connection shall be made at the back of the existing catch basin.
2. Pipe diameter shall not be less than 4" nor greater than 12".
3. An accessible cleanout structure at the property line is NOT required.
4. Pipe from site to the catch basin shall be maintained by the owner of the serviced property.

### CASE D: CURB FACE DRAINAGE OUTLET

1. A "Curb Face Drainage Outlet" (see Standard Details SD-1) may be used only where no underground drainage system is available, as determined by the City Engineer.
2. Pipe material shall be steel and the diameter shall be 3".
3. An accessible cleanout structure at the property line is NOT required.
4. The "Curb Face Drainage Outlet" shall be maintained by the owner of the serviced property.

NOTE: Backflow preventive devices may be required by the City Engineer when it is determined that the potential for flooding due to the surcharge of the storm drainage system exists. These devices shall be located outside the public right-of-way, and shall be maintained by the owner of the serviced property. (See Design Criteria)



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DATE: AUGUST 2006

## APPENDIX B CONNECTION TO PUBLIC STORM SYSTEM

CITY OF SANTA CLARA

# AP-B

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